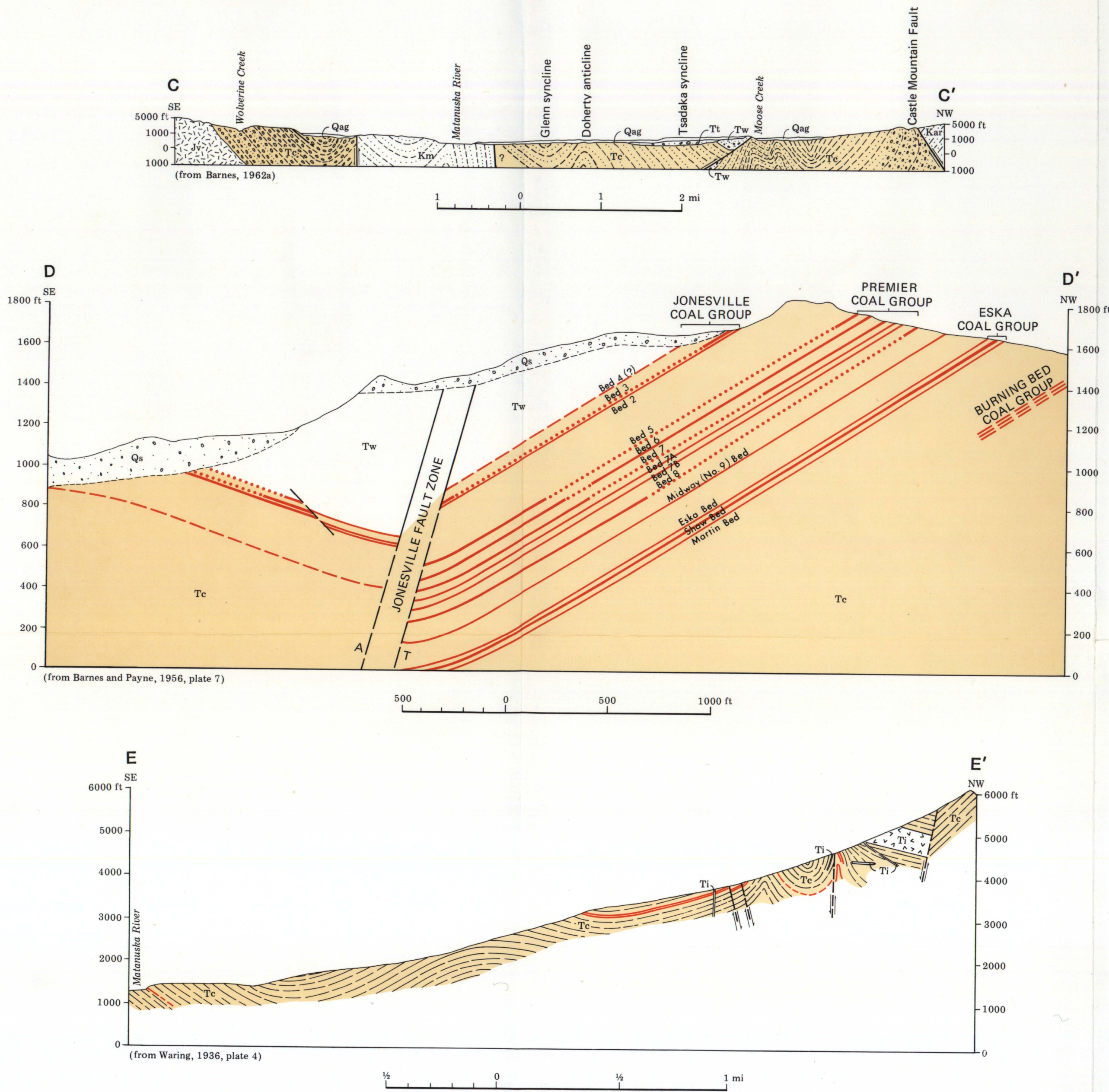


ALASKA DIVISION OF GEOLOGICAL &  
GEOPHYSICAL SURVEYS



EXPLANATION  
CORRELATION OF UNITS  
(Adapted from Magoon and others, 1976)

<div>Qag</div> <div>Qs</div>			QUATERNARY
Qag	Alluvial and glacial deposits		
Qs	Undifferentiated sediments		
<div>Tt</div> <div>Tw</div> <div>Ti</div>			TERTIARY
Tt	Tsadaka Formation		
Tw	Wishbone Formation	Ti	Undifferentiated igneous rocks
Tc	Chickaloon Formation	Tar	Arkose Ridge Formation
<div>Km</div> <div>Jv</div>			JURASSIC CRETACEOUS
Km	Matanuska Formation		
Jv	Talkeetna Formation		

GEOLOGIC SYMBOLS

- Contact—Dashed where approximately located.
- - - Fault—Dashed where approximately located. Arrows indicate relative movement.
- A / T Horizontal movement along Jonesville Fault zone (A, relative movement away from observer; T, toward observer)
- . . . Coal bed—Dashed where approximately located; dotted where mined out. Approximate relative thickness indicated in D—D'.

GEOLOGIC CROSS SECTIONS FROM THE MATANUSKA VALLEY